AMENDMENTS TO THE SPECIFICATION:

Please insert the following headings and text where indicated:

At the top of page 1:

TITLE OF THE INVENTION

At page 1, after the title and before line 3:

CROSS REFERENCE TO RELATED APPLICATIONS
Not applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT
Not applicable

INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC
Not applicable

At page 1, after line 2, i.e., before paragraph 0001:

BACKGROUND OF THE INVENTION

(1) Field of the invention

At page 1, after line 6, i.e., before paragraph 0002:

(2) Description of Related Art including information disclosed under 37 C.F.R. 1.987 AND 1.98

At page 2, before line 1, i.e., before paragraph 0005:

BRIEF SUMMARY OF THE INVENTION

At page 5, before line 1, i.e., before paragraph 0020:

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS

At page 6, after line 16, i.e., before paragraph 0026:

DETAILED DESCRIPTION OF THE INVENTION

At pages 8 and 9, substitute new paragraphs 0034 and 0035 below for the paragraph beginning at page 8, line 17 and ending at page 9, line 16.

[0034] Transmitter coil (13) and receiver coil (14) consist of at least one coil element (2). This coil element (2) consists of coil housing (15), individual coil (3) and pairs of plug-in connectors ~~(4)~~ 4a and 4b, as shown in FIG. 1. Individual core (3) can have one or more windings in this context. As a result of this arrangement, individual coil elements (2) can be

joined with a minimum of assembly effort to produce transmitter coils (13) and receiver coils (14). In this context, the cross-sections of several individual coils form the cross-section of the transmitter or receiver coil, where the overall coil is formed by an electrical series connection of individual coils (3). In another configuration of the invention, it is also possible for several coils to be connected in parallel within the overall coil, in order to set the capacitive or inductive characteristics of the assembled coil, for example. As the fields of adjacent coil elements overlap the cross-sectional plane, coupling of the receiver and transmitter coil can be obtained over the entire cross-section of the assembled coil (13, 14). The modular design described means that virtually any length of the transmission device can be ~~realised~~ realized.

[0035] In another configuration, the long coil device (for example, the transmitter coil in FIG. 1 or the receiver coil in FIG. 2) is ~~realised~~ realized in the form of a multi-core line, the individual cores of which constitute the windings of the coil. In FIG. 2, the coil elements are connected by pairs of plug-in connectors 4c and 4d. In this context, the line is arranged in such a way that it encloses an area defining the coil cross-section. Individual cores are connected at their ends in order to form the coil. The line is accommodated in a cable duct, for example. The number of cores thus defines the number of coil windings. Any desired coil length can be achieved in this way, the term "coil length" referring to the

coil dimension in the direction of the maximum extension of the coil cross-section.

On a new page 17, following the abstract on page 16:

SEQUENCE LISTING
not applicable